IoT SERIES
Electronic Swing Handle (IP65)

Features

- Access method: Mechanical key + remote control (DO)
- Lock status indicator light (blue/green)
- IP65 ingress protection rated
- Includes 3M loose wiring harness
- RC2 pry proof rated
- Unlock current ≤350mA
- Standby current ≤50mA
- Mechanical key lockable with cylinder barrel
- Keyed alike 001 (Other codes may be available upon request)
- Cams sold separately
- Operating Conditions: -25° ~ +70°C / 80% RH

Materials & Finish

- **Housing:** Zinc, textured powder coated, black
- **Handle:** Zinc alloy, textured powder coated, black
- **Mounting bracket:** Mild steel, zinc plated
- **Cam:** Mild steel, zinc plated
- **Cylinder:** Zinc alloy, zinc plated

Remarks

- **Note:** The DO unlocking time is recommended to be 20s
- **Open with mechanical key:** When the machine is opened, first open the dust cover with the dust cover key, then insert the mechanical key, press down and rotate clockwise to open the handle.
- **Open the IoT Lock with DO remote unlocking:** Issue a remote command to unlock the lock, at this time the lock status indicator flashes from blue to green and accompanied by the buzzer sound, at this time, press the PUSH point at the end of the lock handle and the handle will automatically pop up. Rotate the handle to drive the locking mechanism such as a cam or rod control mechanism to complete the opening action.

- Single-point cams available in various H= dimensions
- Three-point cams available
- Roller cams available

Part Number	Unlock Current	Standby Current	Voltage	Comm.	Locking Style	IP & Pry Rating	Life Cycle
1107SBBE01-IND-C-001	≤350mA	≤50mA	12V	DO	Single Point	IP65 / RC2	3yrs @ 25°C / 85% RH
1107SBBE01-IND-C-002	≤350mA	≤50mA	12V	DO	Rod Control Mechanism	IP65 / RC2	3yrs @ 25°C / 85% RH

IoT SERIES
Electronic Swing Handle (Single Point)
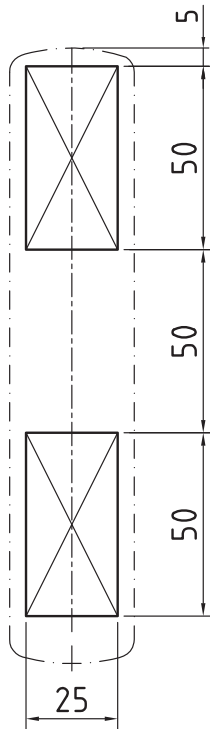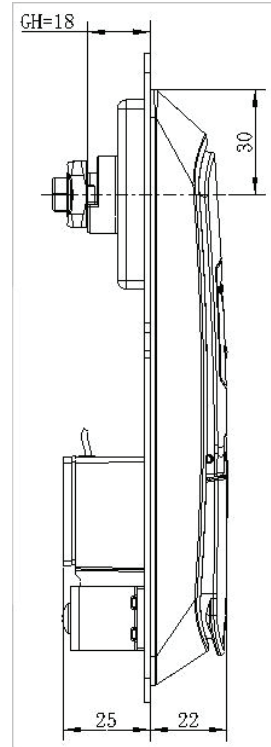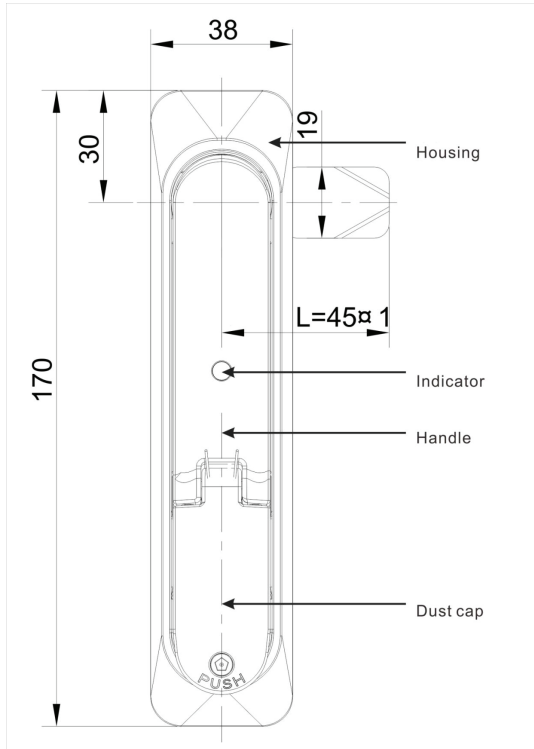
38

30

19

Housing

L=45¤ 1

170

Indicator

Handle

Dust cap

PUSH

GH=18

30

25   22

5

50

50

50

25

IoT SERIES
Electronic Swing Handle (Rod Control Mechanism)
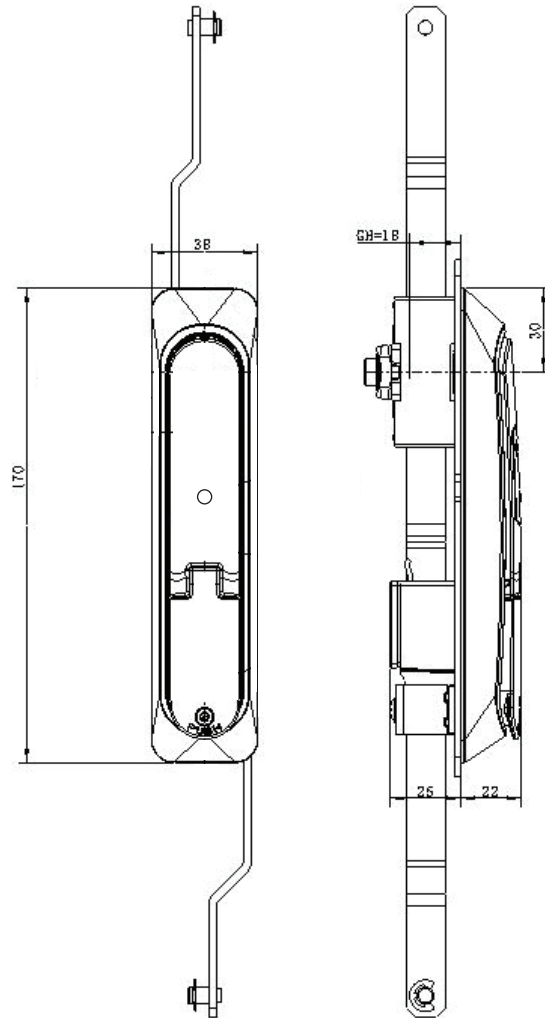
IoT SERIES
Electronic Swing Handle (DO)

3M loose wiring harness
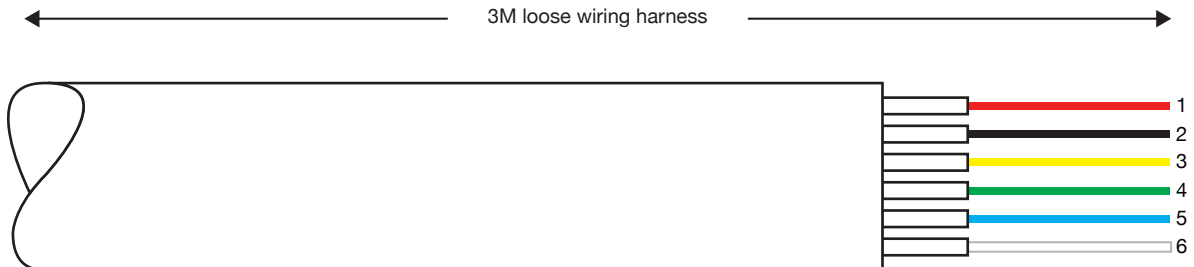
Pin Number	Pin Colour	Wire	Pin Definition	Notes
# 1	Red	▬	12V +	Power line
# 2	Black	▬	GND	Power line
# 3	Yellow	▬	Handle Detection Line	Detect handle status. Line 4 is connected to 12V +, when the handle is turned on, Line 3 is connected to line 4 & Line 3 is 12V. When the handle is closed, Line 3 is disconnected from Line 4 & Line 3 is OV. This gives feedback on the controller status.
# 4	Green	▬	Handle Detection Line 12V +	Detect handle status. Line 4 is connected to 12V +, when the handle is turned on, Line 3 is connected to line 4 & Line 3 is 12V. When the handle is closed, Line 3 is disconnected from Line 4 & Line 3 is OV. This gives feedback on the controller status.
# 5	Blue	▬	DO Signal Control Line 12V +	For example; When the controller gives a single DO high level Line 5 is suspended, Line 6 is connected to DO (equipment of both sides needs to be on the same ground.) If you need to unlock the on/off amount, Line 5 & 6 can be connected to both ends of the switchgear.
# 6	White	▬	DO Signal Control Line	For example; When the controller gives a single DO high level Line 5 is suspended, Line 6 is connected to DO (equipment of both sides needs to be on the same ground.) If you need to unlock the on/off amount, Line 5 & 6 can be connected to both ends of the switchgear.